

- a microcoil is used to acquire position magnetic resonance signals at the area of the microcoil, and
- the position of the measuring site is derived from the position magnetic resonance signals.

5      10.            A magnetic resonance imaging system provided with

- a coil system for acquiring magnetic resonance signals and for determining the position of a measuring site, and
- a reconstruction unit for the reconstruction of a magnetic resonance image from the magnetic resonance imaging signals and the position determined for the measuring site.

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11.            A magnetic resonance imaging system as claimed in Claim 10 which includes

- a microcoil for the acquisition of position magnetic resonance signals at the area of the microcoil, and wherein
- the reconstruction unit is arranged to derive the magnetic resonance image from the magnetic resonance signals and on the basis of the position magnetic resonance signals.

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12.            A computer program containing instructions for

- the acquisition of magnetic resonance signals and
- the determination of the position of a measuring site, and
- the reconstruction of a magnetic resonance image from the magnetic resonance imaging signals and the position determined for the measuring site.

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**ABSTRACT:**

A method of forming a magnetic resonance image involves separate measurement of the position of a measuring site. The magnetic resonance image is corrected on the basis of the measured position of the measuring site. Notably the temperature is changed at the measuring site, for example for laser ablation of tissue.

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Fig. 1

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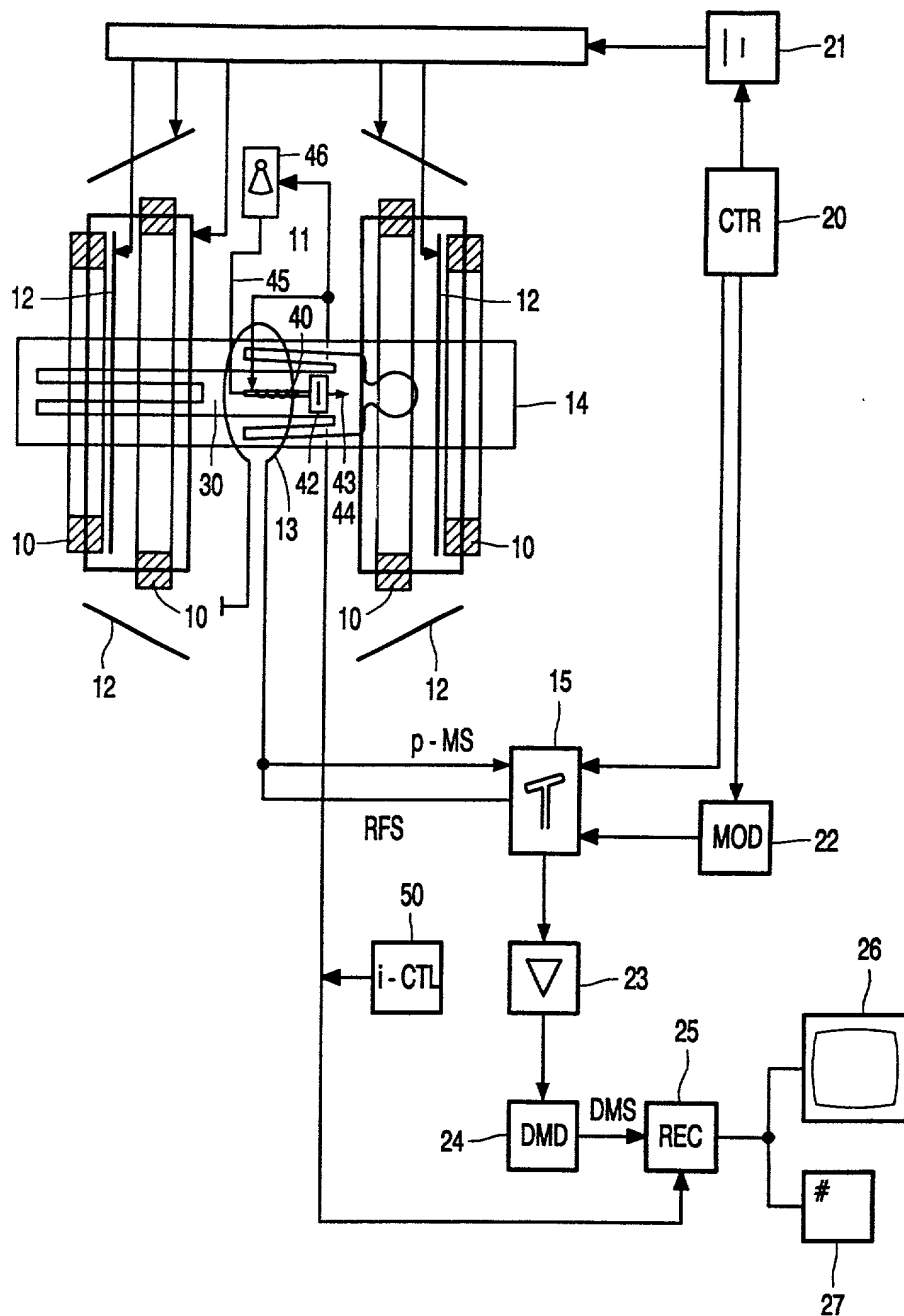


FIG. 1